

FIG. 1

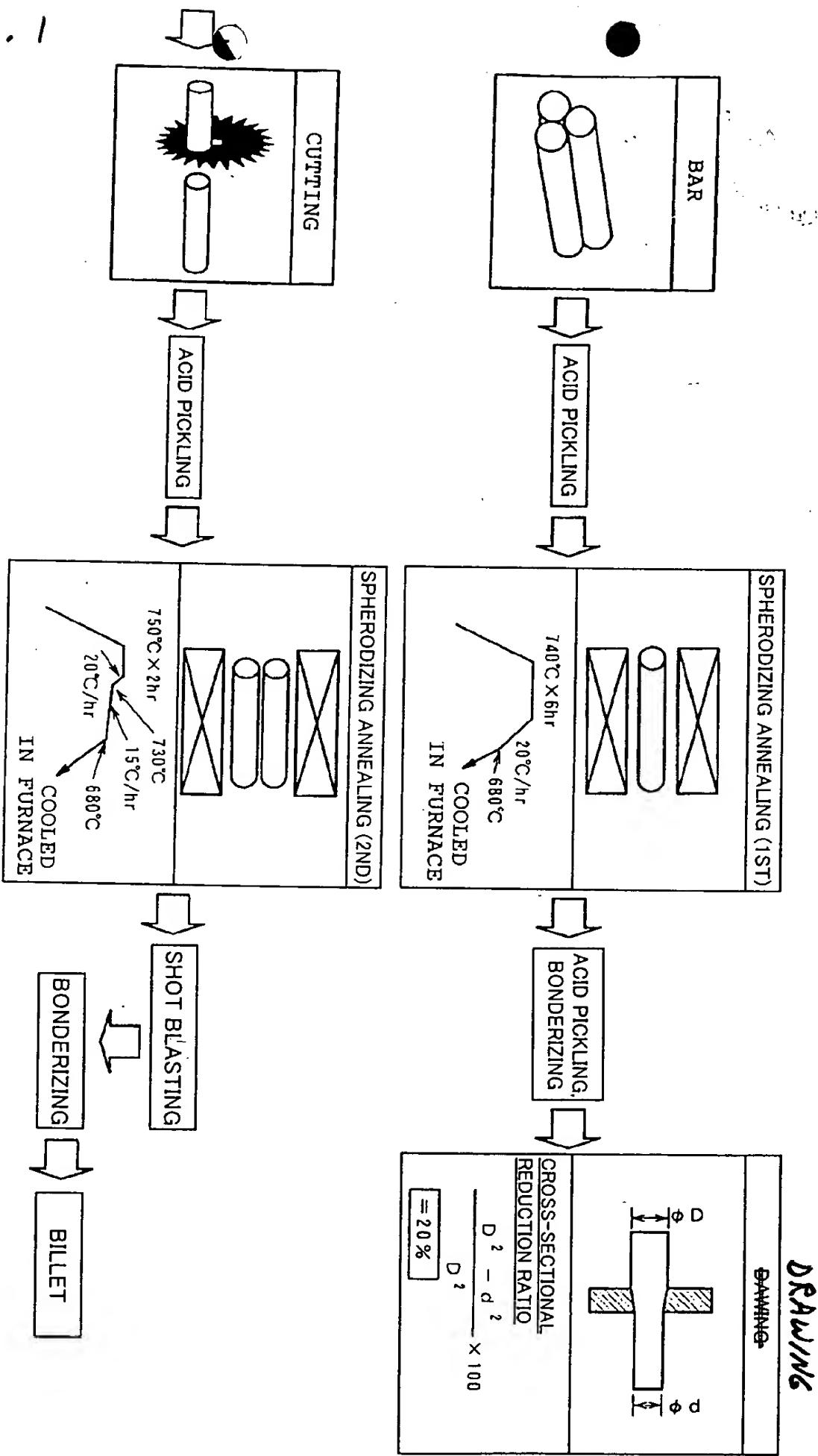


FIG. 25

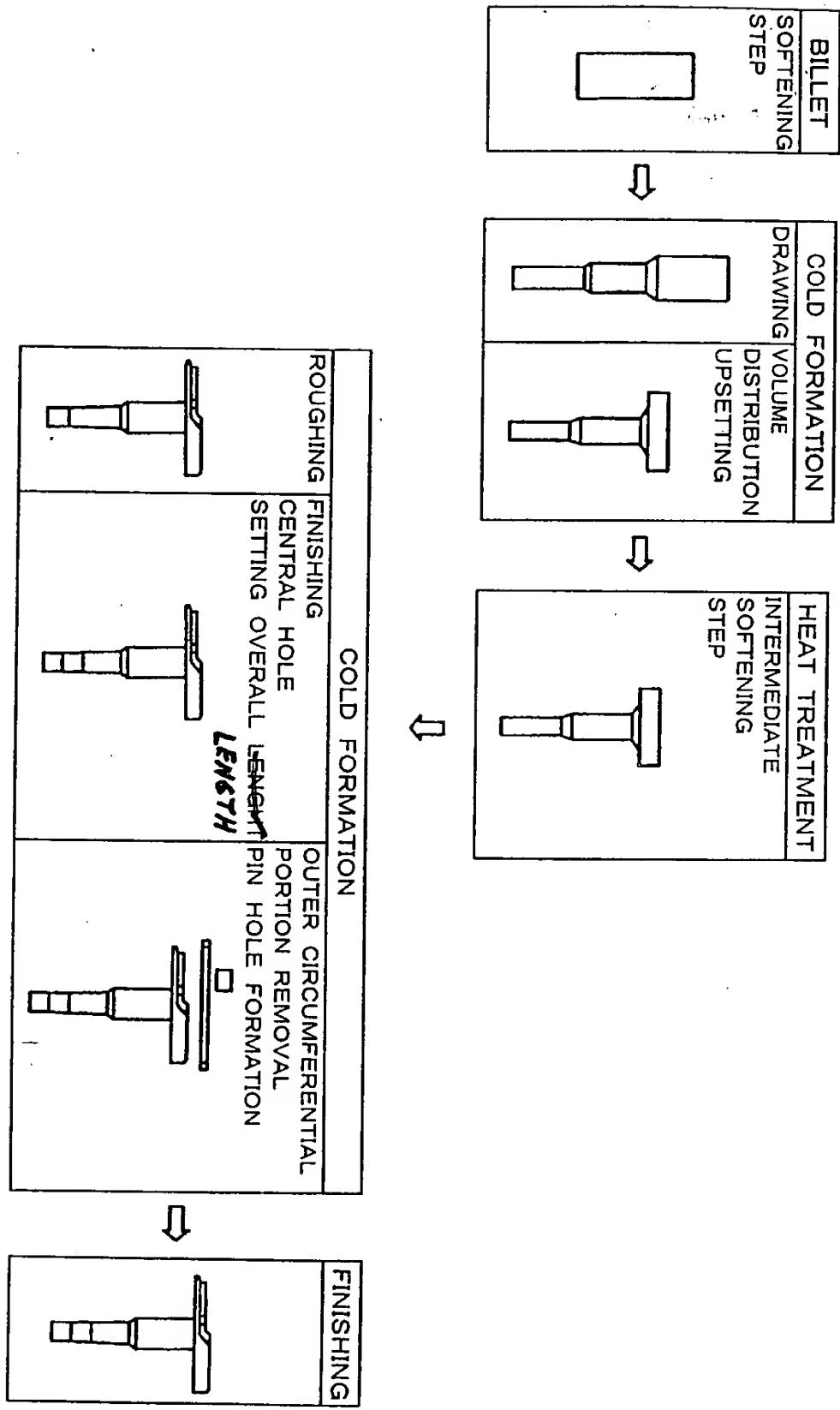
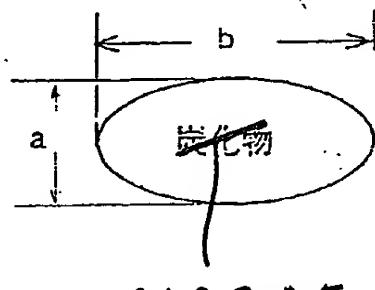


Table 1: FIGURE 49

	Billet manufacturing process					Aspect ratio of carbide (%)	Crack percentage % N=100
	Spherodizing annealing prior to drawing	Drawing	Cutting	Spherodizing annealing subsequent to drawing	Shot bonderizing		
Material 1	None	None	○	○	○	506	35%
Material 2	None	(20%) ○	○	○	○	347	5%
Material 3	○	(20%) ○	○	○	○	300	0%

$$\text{Aspect ratio (\%)} = b/a \times 100$$



CARBIDE